

| U.S. Fish and Wildlife Service | | | | | |
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| Prescribed Fire Specialist GS-401-7/9 | | Job Analysis | | Position Description # R301001 | |
| A. Duties of the position | B. KSAs necessary to perform duties | C. Ratable (Y/N?) | D. Selective factor (Y/N?) | E. Importance | Rationale for decisions in columns C, D, E |
| <p>Plans and implements prescribed burn operations in accordance with safety-related laws, policies and guidelines, including the Occupational Safety and Health Act, Departmental and Service policies and guidelines, and National Wildfire Coordinating Group.</p> <p>Plans and develops a program which collects information on the effects and behavior of prescribed fire. Develops and recommends plans and schedules for the management ignited fire activities for the refuge and or prescribed fire district.</p> <p>Plans and directs a program which collects information on the effects and behavior of prescribed fire. Plans and directs studies which monitor and analyze fire behavior parameters which include rate of spread, fire intensity, and fire weather for prescribed fires and wildfires.</p> | At the GS-9, Certified as a Prescribed Burn Boss type II (RXB2) or higher AND an Incident Commander type 4 (ICT4) or higher within the National Wildfire Coordinating Group (NWCG) fire qualifications system. | Y | Y | 1 | State and Federal Interagency agreements require the minimum training and certification listed as a selective placement factor for the GS-7 and GS-9 levels. |
| | At the GS-7, Certified as a Prescribed Burn Boss type III (RXB3) or higher AND a Single Resource Boss or higher within the National Wildfire Coordinating Group (NWCG) fire qualifications system. | Y | Y | 1 | |
| | Ability to plan and implement prescribed fire program in natural resource areas which includes activities related to wild land fire use and suppression operations. | Y | N | 1 | Required for this position. |
| | Knowledge of the principles of fire ecology and the effects of fire on natural resources. | Y | N | 1 | Required for this position. |
| | Ability to plan and direct the collection and analysis of information monitoring fire effects, fuel conditions, fire behavior, and financial/budget activities for the purpose of making recommendations in fire operations. | Y | N | 1 | Required for this position. |

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| Evaluates the prescribed fire program to better meet program goals by refining prescription treatments and monitoring methods, and by integrating applicable technical and scientific advancements. | Ability to monitor and analyze the effect of fire treatment in order to implement adaptive management - adjusting fire plans/treatments to accomplish fire and resource management objectives. | Y | N | 1 | Required for this position. |
| Plans and directs surveys for the collection, analysis, and documentation of data relating to fire effects on biotic and abiotic resources. Uses BEHAVE, RXWINDOW, and other specialized computer programs to predict fire behavior under a variety of conditions. | Knowledge of computer programs used for storage, retrieval, and analysis of data collected from monitoring programs. Ability to communicate verbally and in writing in order to share information, provide training, formulate projects, develop interagency agreements, and explain programs, particularly related to controversial aspects. | Y | N | 1 | Required for this position. |